To: Werner, Lora[Werner.Lora@epa.gov]; Jarvela, Steve[Jarvela.Stephen@epa.gov]; Burns, Francis[Burns.Fran@epa.gov]; Arguto, William[Arguto.William@epa.gov]; Markiewicz, Karl[Markiewicz.Karl@epa.gov]; Helverson, Robert[Helverson.Robert@epa.gov]; Gilbert, John[Gilbert.John@epa.gov]; Casillas, Laura[Casillas.Laura@epa.gov]
Cc: Caporale, Cynthia[Caporale.Cynthia@epa.gov]
From: Kelly, Jack (R3 Phila.)
Sent: Fri 1/31/2014 1:32:49 PM
Subject: Update from Fort Meade Lab - Freedom Industries Spill

I highlighted the question for today's call

Jack Kelly
On Scene Coordinator
EPA Region III, Philadelphia
215-514-6792 (cell)
215-814-3112 (office)

From: Caporale, Cynthia
Sent: Friday, January 31, 2014 8:26 AM
To: Kelly, Jack (R3 Phila.)
Cc: Wisniewski, Patti-Kay; Pomponio, John; Wilkie, walter; Foreman, Fred; Tidwell-Shelton, Patricia
Subject: WV Spill - Lab Status 1/30

Analysis of Alternate Storage Tank:

Characterization of the storage tank material is done with the exception of running the sample on the GC/IR (next week). Summary report is being compiled.

- GC/MS SVOC preliminary list of constituents submitted to Jack Kelly and Wendy Gray
- GC/MS VOC preliminary list of constituents submitted to Wendy Gray
    - Both show presence of crude MCHM and crude PPh compounds
- Metals not detected; small amount of calcium; no mercury
- No significant amount of anions; small amount of chloride
- pH = 5
- approx. 3.7% water

Other:

- Received crude PPh and original tank material from National Guard
    - **Waiting for response to see if original tank material needs to be characterized**
- Received two standards for diPPh
- Contacted Marshall University to speak to Professor
    - No return call or email
- Contacted Regional Lab Network and NEIC
    - R5 willing to assist with LC/MS/MS
    - According to NEIC they are already providing support to FBI and CDC with methods
- Split Samples received Thursday 1/30/14
    - Analyzing for SVOCs and VOCs; preliminary results anticipated Monday
- Formaldehyde Methods - EPA 556.1 and SW-846 8315 requires derivitization and folks

familiar with running this method agree that lab contamination is an issue. Even DI water has approx. 2-3 ppb present.

- HQ OEM/Emergency Response Center requested summary of R3 Lab Efforts; sending today

Cynthia Caporale, Chief
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